



Commissioner of Patent and Trademarks
P.O. Box 1450
Alexandria, VA 22313

Sir:

Enclosed herewith for filing is the patent application of Mark R. Fernald, Michael A. Davis, Alan D. Kersey, Daniel L. Gysling and Timothy J. Bailey.

Title: An Apparatus Having an Array of Clamp On Piezoelectric Film Sensors for Measuring Parameters of a Process Flow Within a Pipe

Enclosed are 16 sheets of [x] informal [] formal drawings.

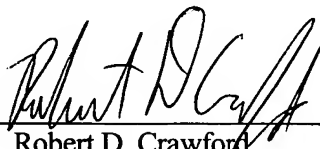
CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$ 770.00
TOTAL CLAIMS	24 - 20 =	4	x \$18.00	\$ 72.00
INDEPENDENT CLAIMS	1 - 3 =	0	x \$86.00	\$
MULTIPLE DEPENDENT CLAIMS				\$290.00
TOTAL FILING FEE				\$ 842.00

[X] Please charge the TOTAL FILING FEE and any additional fee due, and credit any overpayment, to Deposit Account No. 50-0260, Order No. CC-0675. A duplicate of this transmittal letter is enclosed.

[] Please record the enclosed assignment and charge the \$40.00 recording fee to the above deposit account and order number. A second duplicate of this transmittal letter is enclosed. Form PTO-1595 is enclosed.

[X] Date of Deposit: November 12, 2003

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